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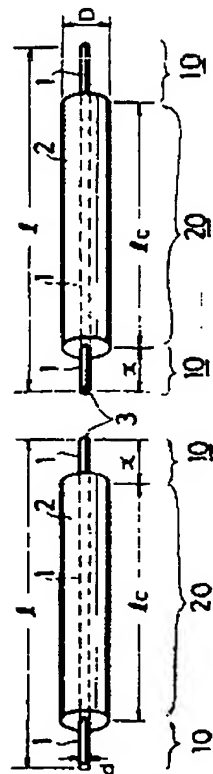
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APPLICANT : TOSHIBA CORP;

INVENTOR : KAMO YASUSHI;

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TITLE : ANTENNA



ABSTRACT : PURPOSE: To increase the antenna sensitivity, by distributing in series the 1st part consisting of the conductor only and the 2nd part consisting of the conductor buried into the ceramics along the direction of length of the antenna.

CONSTITUTION: The conductors of the 1st and 2nd parts 10 and 20 form the linear conductor 1 in a body, and the 2nd part 20 is buried into the ceramics 2 so that both ends of the conductor 1 may be exposed. Then the diameter and the length of the ceramics 2 are defined as to  $D$  and  $l_c$  each along with the diameter and the length of the conductor 1 set as  $d$  and  $l$  respectively, and the distance is defined as to  $(x)$  between the feeding point 3 and the end face of the ceramics 2. Thus the value from 0 to  $l-l_c$  can be set for the distance  $(x)$ . Accordingly, the sensitivity can be increased more than the conventional buried-type antenna.

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